

Appl. No. 09/812,235

Listing of Claims:

This listing of the claims replaces all prior versions and listing of the claims in the patent application.

Claim 12. (Currently Amended) A hanger system for supporting a large volume flexible medical container in a rigid box, the system comprising a means for upwardly biasing a top portion of the flexible container by actively applying a force to the top portion of the flexible container, the means being connected to the rigid box and the top portion of the flexible container.

Claim 18. (Previously Amended) A system for supporting a three-dimensional flexible container within a box, the flexible container having a first perimeter and the box having a second perimeter along a substantially same path as the first perimeter, the first perimeter being greater than the second perimeter.

Claim 19. (Original) The system of claim 18 wherein the first perimeter is within a range of about 2% to about 10% larger than the second perimeter.

Claim 20. (Original) The hanger system of claim 12, wherein the means is connected to the flexible container at a location spaced substantially away from an upper corner of the flexible container.

Claim 21. (Currently Amended) The hanger system of claim 12, wherein the top portion of the flexible container has a diagonal seam, and the means is connected to the flexible container along a the diagonal seam between about 35% and about 65% of a length of the seam measured from an outer corner of the flexible container.

Claim 22. (Original) The hanger system of claim 12, wherein the means further comprises a counterweight connected to the top portion of the flexible container.

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Claim 23. (Original) The hanger system of claim 12, wherein the means further comprises an elastic member assembly connected to the top portion of the flexible container.

Claim 24. (Currently Amended) The system of claim 18, wherein the first and second perimeters are substantially ~~eo-planer~~ coplaner.

Claim 25. (Original) The system of claim 24, wherein the first and second perimeters are in a substantially horizontal plane.

Claim 26. (Original) The system of claim 25, wherein the first perimeter is within a range of about 2% to about 10% larger than the second perimeter.

Claim 27. (Original) The system of claim 18, wherein a corner of the flexible container is supported by a corner of the box when the flexible container contains fluid.

Claim 28. (Original) The system of claim 18, further comprising a container hanger connected to a top portion of the flexible container, the container hanger biasing the top portion of the flexible container upward.

Claim 29. (Original) A large-volume flexible container support system, comprising:
a box having an interior volume;
a large-volume flexible container inside of the box and having a size greater than the interior volume of the box; and
a container hanger connected to a top portion of the large-volume flexible container and biasing the top portion of the large-volume flexible container upward.

Claim 30. (Original) The large-volume flexible container support system of claim 29, wherein the container hanger is connected to the large-volume flexible container at a location spaced substantially away from an upper corner of the large-volume flexible container.

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Claim 31. (Currently Amended) The large-volume container support system of claim 29, wherein the top portion of the large-volume flexible container has a diagonal seam, and the container hanger is connected to the large-volume flexible container along a the diagonal seam between about 35% and about 65% of a length of the seam measured from an outer corner of the large-volume flexible container.

Claim 32. (Original) The large-volume container support system of claim 29, wherein the container hanger further comprises a counterweight connected to the top portion of the large-volume flexible container.

Claim 33. (Original) The large-volume container support system of claim 29, wherein the container hanger further comprises an elastic member assembly connected to the top portion of the large-volume flexible container.

Claim 34. (Original) The large-volume container support system of claim 29, wherein the large-volume flexible container has a first perimeter in a substantially horizontal plane and the box has a second perimeter in the substantially horizontal plane, the first perimeter being greater than the second perimeter.

Claim 35. (Original) The large-volume container support system of claim 34, wherein the first perimeter is within a range of about 2% to about 10% larger than the second perimeter.

Claim 36. (New) The large-volume container support system of claim 29, wherein the large-volume flexible container has a top outer perimeter edge, and the container hanger is connected to the top portion of the large-volume flexible container spaced inward from the top outer perimeter edge.

Claim 37. (New) The large-volume container support system of claim 29, wherein the container hanger has a connection portion connected to the top portion of the large-volume flexible container, and the connection portion is vertically movable during filling and emptying of the large-volume flexible container.

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Claim 38. (New) The hanger system of claim 12, wherein the flexible container has a top outer perimeter edge, and the means for upwardly biasing is connected to the top portion of the flexible container spaced inward from the top outer perimeter edge.

Claim 39. (New) The hanger system of claim 12, wherein means for upwardly biasing comprises a connection member connected to the top portion of the flexible container, and the connection member being vertically movable during filling and emptying of the flexible container.